

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	21	(Clock adj phase adj circuit)	USPAT	OR	OFF	2006/10/18 10:09
S2	0	(Clock adj phase adj circuit) and (clock adj frequency)	USPAT	OR	OFF	2006/10/18 09:42
S3	2	(Clock adj phase adj circuit) and (clock adj frequency)	USPAT	OR	OFF	2006/09/24 14:27
S4	6	"375"/\$.ccls. and ((clock adj phase adj adjust\$8) same (frequency adj adjust\$8))	USPAT	OR	OFF	2006/09/24 14:31
S5	0	"375"/\$.ccls. and ((clock adj phase adj adjust\$8) same (clock adj frequency adj adjust\$8))	USPAT	OR	OFF	2006/09/24 14:31
S6	57	"375"/\$.ccls. and ((phase adj adjust\$8) same (frequency adj adjust\$8))	USPAT	OR	OFF	2006/10/05 10:43
S7	2	"375"/\$.ccls. and ((phase adj adjust\$8) same (frequency adj adjust\$8) same adder)	USPAT	OR	OFF	2006/09/24 14:32
S8	3	("5200982"   "5390180"   "5402452"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/24 14:33
S9	56	"375"/375.ccls. and ((phase adj detect\$3) same (frequency adj detect\$3))	USPAT	OR	OFF	2006/10/05 10:44
S10	4	"375"/375.ccls. and ((phase adj detect\$3) same (frequency adj detect\$3) same adder)	USPAT	OR	OFF	2006/10/05 10:45
S11	1	(Clock adj phase adj adjustment) and (clock adj frequency adj adjustment)	USPAT	OR	OFF	2006/10/18 09:45
S12	2	"375"/\$.ccls. and ((phase adj adjustment) same (frequency adj adjustment) same adder)	USPAT	OR	OFF	2006/10/18 09:53
S13	0	"375"/\$.ccls. and ((phase adj adjustment adj circuit) same (frequency adj adjustment) same adder)	USPAT	OR	OFF	2006/10/18 09:55
S14	0	"375"/\$.ccls. and ((frequency adj adjustment) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 09:56
S15	0	"375"/\$.ccls. and ((frequency adj adjustment) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 09:56
S16	0	"375"/\$.ccls. and ((frequency adj adjust\$6) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 09:57

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S17	259	"375"/\$.ccls. and ((frequency ) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 09:59
S18	19	"375"/371.ccls. and ((frequency ) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 10:02
S19	0	"375"/371.ccls. and ((frequency adj adjust\$6) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 10:02
S20	0	"375"/371.ccls. and ((frequency adj correct\$6) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 10:03
S21	4	"375"/371.ccls. and ((frequency) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 10:04
S22	0	"375"/371.ccls. and ((frequency adj detector) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 10:15
S23	0	"375"/\$.ccls. and ((frequency adj adjust\$6) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 10:05
S24	0	"375"/375.ccls. and ((frequency ) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 10:08
S25	3	"375"/375.ccls. and ((frequency ) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 10:06
S26	0	"375"/375.ccls. and ((frequency adj adjust\$6) same (phase adj adjust\$6) same adder)	USPAT	OR	OFF	2006/10/18 10:09
S27	0	"375"/371.ccls. and ((frequency adj adjust\$6) same (phase adj adjust\$6) same adder)	USPAT	OR	OFF	2006/10/18 10:09
S28	0	(Clock adj phase adj circuit) and (clock adj frequency adj circuit)	USPAT	OR	OFF	2006/10/18 10:10
S29	21	(Clock adj phase adj circuit)	USPAT	OR	OFF	2006/10/18 10:11
S30	12	"375"/371.ccls. and ((frequency adj detector) with phase adj detector)	USPAT	OR	OFF	2006/10/18 10:16
S31	12	"375"/371.ccls. and ((frequency adj detector) with (phase adj detector))	USPAT	OR	OFF	2006/10/18 10:17
S32	1	"375"/371.ccls. and ((frequency adj detector) same (phase adj detector) same adder)	USPAT	OR	OFF	2006/10/18 10:18
S33	4	"375"/375.ccls. and ((frequency adj detector) same (phase adj detector) same adder)	USPAT	OR	OFF	2006/10/18 10:36
S34	4	"375"/375.ccls. and ((frequency adj detect\$4) same (phase adj detect\$4) same adder)	USPAT	OR	OFF	2007/04/09 10:49

## EAST Search History

S35	10	"375"/\$.ccls. and ((frequency adj detect\$4) same (phase adj detect\$4) same adder)	USPAT	OR	OFF	2006/10/18 10:21
S36	11	("3924197"   "4079329"   "4087628"   "4387342"   "4423390"   "4853642"   "5179578"   "5861773"   "6177835"   "6204725"   "6717993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 10:21
S37	1	"375"/375.ccls. and ((frequency adj detector) with gain with integrator)	USPAT	OR	OFF	2006/10/20 11:13
S38	0	"375"/371.ccls. and ((frequency adj detector) with gain with integrator)	USPAT	OR	OFF	2006/10/18 10:37
S39	3	"375"/\$.ccls. and ((frequency adj detector) with gain with integrator)	USPAT	OR	OFF	2006/10/18 10:39
S40	3	"375"/\$.ccls. and ((frequency adj detect\$8) with gain with integrator)	USPAT	OR	OFF	2006/10/18 10:39
S41	3	"375"/376.ccls. and ((frequency adj detect\$8) with gain with integrator)	USPAT	OR	OFF	2006/10/18 10:46
S42	0	"375"/376.ccls. and ((frequency adj adj\$8\$8) with gain with integrator)	USPAT	OR	OFF	2006/10/18 10:45
S43	11	("3924197"   "4079329"   "4087628"   "4387342"   "4423390"   "4853642"   "5179578"   "5861773"   "6177835"   "6204725"   "6717993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 10:42
S44	3	"327"/\$.ccls. and ((frequency adj detect\$8) with gain with integrator)	USPAT	OR	OFF	2006/10/18 10:53
S45	15	"327"/\$.ccls. and ((frequency adj detect\$8) near2 gain )	USPAT	OR	OFF	2006/10/18 10:53
S46	4	"327"/\$.ccls. and ((frequency adj detect\$8) near2 multiplier )	USPAT	OR	OFF	2006/10/18 10:54
S47	1	"327"/\$.ccls. and ((frequency adj detect\$8) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 10:55
S48	1	"375"/\$.ccls. and ((frequency adj detect\$8) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 16:22
S49	0	"375"/375.ccls. and ((frequency adj detect\$8) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 10:56
S50	3	((frequency adj detect\$8) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 10:56
S51	10	("4547737"   "4994754"   "5091918"   "5369404"   "5504784"   "5764524"   "5987562"   "6002352"   "6104769"   "6211742").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/18 11:04
S52	3	((frequency adj detect\$8) with multiplier with integrator)	USPAT	OR	OFF	2006/10/18 16:22

## EAST Search History

S53	0	"375"/374.ccls. and ((frequency adj adjust\$6) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 16:37
S54	0	"375"/\$.ccls. and ((frequency adj adjust\$6) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 16:38
S55	13	((frequency adj detect\$6) same multiplier same integrator)	USPAT	OR	OFF	2006/10/18 16:51
S56	59	375/376.ccls. and ((low adj pass) with integrator)	USPAT	OR	OFF	2006/10/18 16:51
S57	1	"375"/\$.ccls. and (constellation same (adaptive adj threshold))	USPAT	OR	OFF	2006/10/19 09:14
S58	1	"6031428".pn.	USPAT	OR	OFF	2006/10/19 10:44
S59	1	"6731709".pn.	USPAT	OR	OFF	2006/10/19 11:39
S60	343	(clock adj frequency) with (up and down)	USPAT	OR	OFF	2006/10/19 11:40
S61	159	(clock adj frequency) with (up near down)	USPAT	OR	OFF	2006/10/19 11:40
S62	6	375/376.ccls. and (clock adj frequency) with (up near down)	USPAT	OR	OFF	2006/10/19 11:42
S63	0	375/376.ccls. and ((clock adj frequency) same (undershoot same overshoot))	USPAT	OR	OFF	2006/10/19 11:43
S64	3	375/376.ccls. and ((clock adj frequency) and (undershoot same overshoot))	USPAT	OR	OFF	2006/10/19 12:12
S65	1	"6151334".pn.	USPAT	OR	OFF	2006/10/19 12:12
S66	1	"5889829".pn.	USPAT	OR	OFF	2006/10/20 09:07
S67	1	"6031428".pn.	USPAT	OR	OFF	2006/10/20 09:08
S68	3	"375"/375.ccls. and ((frequency adj detector) same (phase adj detector) same latch\$4)	USPAT	OR	OFF	2006/10/20 11:19
S69	5	"375"/\$.ccls. and ((frequency adj detector) same (phase adj detector) same latch\$4)	USPAT	OR	OFF	2006/10/20 14:04
S70	0	"375"/\$.ccls. and ((ultra adj wideband) same equalizer)	USPAT	OR	OFF	2006/10/20 14:04
S71	11	"375"/\$.ccls. and ((ultra adj wideband) and equalizer)	USPAT	OR	OFF	2006/10/20 16:13
S72	0	10/619278	USPAT	OR	OFF	2006/10/20 16:13
S73	0	"10619278"	USPAT	OR	OFF	2006/10/20 16:14
S74	0	"375"/\$.ccls. and (function adj generator) same (spread adj spectrum adj generator)	USPAT	OR	OFF	2006/10/20 16:46

## EAST Search History

S75	0	((function adj generator) same (spread adj spectrum adj generator))	USPAT	OR	OFF	2006/10/20 16:46
S76	1	((function adj generator) and (spread adj spectrum adj generator))	USPAT	OR	OFF	2006/10/20 16:58
S77	0	10/619278	USPAT	OR	OFF	2006/10/20 16:58
S78	1	"6498819".pn.	USPAT	OR	OFF	2006/10/27 17:20
S79	0	"20030067404"	USPAT	OR	OFF	2006/10/27 17:20
S80	0	"2003/0067404"	USPAT	OR	OFF	2006/10/27 17:21
S81	1	"6577258".pn.	USPAT	OR	OFF	2006/10/27 17:51
S82	0	"20030140123".pn.	USPAT	OR	OFF	2006/10/27 17:51
S83	0	"2003/0140123".pn.	USPAT	OR	OFF	2006/10/27 18:03
S84	0	"20030140123"	USPAT	OR	OFF	2006/10/27 18:04
S85	0	"2003/0140123"	USPAT	OR	OFF	2006/10/27 18:04
S86	1	"6031428".pn.	USPAT	OR	OFF	2007/04/09 09:55
S87	2	"6031428".pn.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 09:56
S88	2	"6731709".pn.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 09:56
S89	2	"6081572".pn.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 09:57
S90	20	"375"/375.ccls. and (interpolator)	USPAT	OR	OFF	2007/04/09 10:58
S91	0	10/619278	USPAT	OR	OFF	2007/04/09 10:58
S92	0	10/619278	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 10:59
S93	0	10/619278.app.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 10:59
S94	0	10/619278	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:19
S95	0	"10619278".app.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 10:59

## EAST Search History

S96	245	frequency same phase same detector same interpolator	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:20
S97	0	375/365.ccls. and (frequency same phase same detector same interpolator)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:20
S98	10	375/365.ccls. and (interpolator)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:22
S99	32	375/375.ccls. and (interpolator)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:28
S10 0	2	375/375.ccls. and (frequency adj detector) and (interpolator)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:29
S10 1	31	"375"/\$.ccls. and (frequency adj detector) and (phase adj detector) and (interpolator)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:34
S10 2	587	"375"/\$.ccls. and (frequency adj detector) and (phase adj detector)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:34
S10 3	9	"375"/\$.ccls. and ((frequency adj detector) same (phase adj detector) same adder)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:39
S10 4	104	"375"/\$.ccls. and (generat\$5 with (frequency near error) with (phase near error) )	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:40
S10 5	6	"375"/\$.ccls. and (generat\$5 with (frequency near error) with (phase near error) ) and interpolator	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:42
S10 6	3	"375"/\$.ccls. and (generat\$5 with (frequency near error) with (phase near error) ) same interpolator	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:43
S10 7	9	"375"/375.ccls. and (generat\$5 with (frequency near error) with (phase near error) )	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:43

## EAST Search History

S10 8	12	("5610954").URPN.	USPAT	OR	OFF	2007/04/09 13:38
S10 9	0	"11522154"	USPAT	OR	OFF	2007/04/09 13:38
S11 0	1	"11522154"	US-PGPUB; USPAT	OR	OFF	2007/04/09 13:42
S11 1	0	"10776789"	US-PGPUB; USPAT	OR	OFF	2007/04/09 13:43
S11 2	1	"10/776789"	US-PGPUB; USPAT	OR	OFF	2007/04/09 13:43
S11 3	68	375/375.ccls. and (phase adj detector) and (frequency adj detector)	USPAT	OR	OFF	2007/04/12 12:17
S11 4	805	(phase adj detector) same (frequency adj detector)	USPAT	OR	OFF	2007/04/12 12:17
S11 5	561	(phase adj detector) with (frequency adj detector)	USPAT	OR	OFF	2007/04/12 12:17
S11 6	1	"4590602".pn.	USPAT	OR	OFF	2007/04/12 14:38
S11 7	2	"375"/260.ccls. and (preamble with BPSK)	USPAT	OR	OFF	2007/04/13 07:10
S11 8	7	"375"/260.ccls. and (preamble with BPSK)	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/04/13 07:13
S11 9	14	"375"/\$.ccls. and ((preamble with BPSK) same OFDM)	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/04/13 07:15
S12 0	10	"375"/\$.ccls. and ((preamble with (single adj carrier)) and OFDM)	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/04/13 07:33
S12 1	1	"4590602".pn.	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/04/13 07:34
S12 2	0	10/619278	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/04/13 07:34
S12 3	0	"10619278"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/04/13 07:34
S12 4	0	"10/619278"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/04/13 07:34